ABSTRACT OF THE DISCLOSURE

Methods, systems, and computer program products for mapping connections and protocol specific resource identifiers. A front-end server receives a request for content from a client. The front-end server decrypts the request as needed, adds a protocol information to the request that identifies the communication protocol used between the client and the front-end server, and then forwards the request to a back-end server for processing. When the back-end server processes the request, the requested content may include one or more protocol specific resource identifiers. However, the protocol specific resource identifiers are based on the protocol information included in the request rather than the protocol used between the front-end server and the back-end server. Upon receiving the requested content back from the back-end server, the front-end server encrypts the content as needed and sends the content to the requesting client.

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Docket No. 13768.168